TABLE 19

GRAPHICAL COMPARISON OF FUELS

Lo
w

Hi
gh

Fuel oil (No. 17). B.t.u. per pound = 18,840
20,080

Calories per kg
=10,467
11,154

Specific Gravity 0.90 =7.5 Ib per gallon.

Products of Combustion, Cu M per Kg

Compositi -by Weight	Air or Mechanical -Atomizing				Atomizing Steam = 0.30 Weight -of Oil			
	Air Supply in Percentage of Theoretical Requirements.							
	100%	120%	140%	180%	100%	120%	140%	180%
H_2								
C								
0_2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
H_2O 1								
N_2								
Total 100.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Air kg p6r	1.29		1		1			1.27
m*<	Products of Combustion, Cu Ft per Pound							
O_2	0.00	7.21	14.41	28.82	0.00	7.21	14.41	28.82
[illegible]	[illegible]	[illegible]	201.8	259.	144.	[illegible]	[illegible]	259.
N_2	144.21	173.17				173.17	201.82	
Total. . .	192.12	218.2	264.1			234.25	270.10	342.
Ib per cu	0			336.23 ft	198.08 0			0
	Percentage Basis (Wet)				Percentage Basis (Wet)			
O	0.00	3.16	5.45	8.57	0.00	3.08	5.33	8.42
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nj	75.07	75.84	76.42	77.19	72.80	73.91	74.73	75.84
O_2	P	jrcent	Basis	y)				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
N_2	85.36	S4.42	83.76	82.89				